

## CURRICULUM VITAE

### Brahmajee Kartik Nallamotheu, MD, MPH

Division of Cardiology  
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#### Education

1998-2000 University of Michigan School of Public Health, MPH  
1993-1995 Wayne State University School of Medicine, MD  
1989-1993 Kent State University, Northeastern Ohio Universities College of Medicine,  
Combined 6-Year BS/MD Program

#### Post-Doctoral Training

2002-Present Division of Cardiology, Interventional Fellow, University of Michigan Hospitals  
2000-2002 Division of Cardiology, Fellow, University of Michigan Hospitals  
1998-2000 Division of General Medicine, Agency for Health Care Policy and Research  
(AHCPR) Fellow, University of Michigan Hospitals  
1995-1998 Department of Internal Medicine, House Officer, University of Michigan Hospitals

#### Senior Post-Doctoral Training

None

#### Academic Appointments

2004- Assistant Professor, Department of Internal Medicine, University of Michigan  
Medical School  
2002- Affiliated Faculty Researcher, Patient Safety Enhancement Program, University of  
Michigan Hospitals  
1998-2000 Lecturer, Division of General Medicine, Department of Internal Medicine,  
University of Michigan Medical School

#### Academic Administrative Appointments

None

#### Consulting Positions

None

#### Scientific Activities

##### *Ad hoc Journal Reviewer*

1. *Archives of Internal Medicine* (2001-Present)
  2. *Journal of the American College of Cardiology* (2002-Present)
  3. *Journal of General Internal Medicine* (2001-2002)
- June 2004 *Journal of the American College of Cardiology* with Dr. Kim A. Eagle  
Jan 2004 *Circulation* with Dr. Mauro Moscucci  
Dec 2003 *Annals of Internal Medicine* with Dr. Sanjay Saint  
April 2003 *Journal of the American College of Cardiology* with Dr. Eric R. Bates  
March 2003 *Journal of the American Medical Association* with Dr. Kim A. Eagle  
Dec 2001 *Journal of Interventional Cardiology* with Dr. Kim A. Eagle  
Nov 2001 *Circulation* with Dr. Kim A. Eagle

August 2001     *Archives of Internal Medicine* with Dr. Sanjay Saint  
 Dec 2000        *Circulation* with Dr. Kim A. Eagle  
 March 2000      *Lancet* with Dr. Sanjay Saint  
 Feb 2000        *Journal of Clinical Epidemiology* with Dr. Sanjay Saint

## **Grant Support**

### *Current*

1. Scholar, Michigan Mentored Clinical Scholars Program, National Institutes of Health K12 Program (RR017607-01), Principal Investigator: David Schteingart

### *Submitted*

1. Principal Investigator, The impact of specialty hospitals on healthcare utilization, R01 Proposal
2. Consultant, Coronary artery bypass graft surgery (CABG) mortality in men and women and the influence of hospital factors, R21 Proposal, Principal Investigator: Catherine Kim

### *Completed*

1. Consultant, Long-term requirements of elderly patients undergoing coronary artery bypass grafting in Michigan, Blue-Cross Blue-Shield of Michigan Foundation, Investigator-Initiated Award, Principal Investigator: Kenneth E. Langa

## **Certifications and Licensure**

2003              Diplomate of the American Board of Internal Medicine – Cardiovascular Disease  
 1998              Diplomate of the American Board of Internal Medicine  
 1996              USMLE Step III  
 1995              DEA Licensure  
 1995              Michigan State Medical Licensure  
 1995              USMLE Step II  
 1993              USMLE Step I

## **Military Service**

None

## **Honors and Awards**

2002              Finalist for Outstanding Poster Competition from the European Society of Cardiology (ESC) at the Annual Meeting  
 2002              Finalist for Outstanding Abstract Competition from the Michigan Chapter of the American College of Cardiology (Michigan ACC)  
 2000              Elizabeth Barrett-Connor Young Investigator Award from the American Heart Association (AHA) Scientific Council on Epidemiology and Prevention for Excellence in Research by an Investigator in Training at the Annual Meeting  
 2000              Mack Lipkin Senior Associate Award from the Society of General Internal Medicine (SGIM) for Outstanding Scientific Presentation at the Annual Meeting by an Investigator in Training  
 1998              House Officer Research Award, University of Michigan Internal Medicine Residency Training Program  
 1994              Alumni Scholarship Recipient, Wayne State University  
 1991              Summa Cum Laude, Kent State University

## **Membership in Professional Societies**

1998-2000       American College of Physicians  
 1998-2000       Society of General Internal Medicine  
 2000-Current    American College of Cardiology

## Teaching Activities

Sept 2004	Journal Club, Faculty Mentor
Sept-Dec 2003	Cardiovascular Consultant:, Undergraduate Course, Biomedical Engineering & Human Values, University of Michigan
Sept-Dec 2002	Cardiovascular Consultant:, Undergraduate Course, Biomedical Engineering & Human Values, University of Michigan
Oct 2000	Small Group Leader: 2 <sup>nd</sup> -Year Student Curriculum, Cardiovascular Sequence, University of Michigan Medical School
Aug 1999	Attending, Medical Ward: Ann Arbor VA Medical Center
Sept 1999	Attending, Intern Report: Ann Arbor VA Medical Center
1998-2000	Clinic Mentor, General Medicine Residents Clinic: Ann Arbor VA Medical Center

## Extramural Invited Presentations

None

## Other Presentations

National and International

Sept 2002	<i>The Impact of Troponin-I Elevation on Long-Term Survival after Percutaneous Coronary Intervention.</i> Moderated Poster Session of the Annual Meeting of the European Society of Cardiology. Berlin, Germany.
March 2002	<i>Cost-effectiveness of Radiofrequency Ablation for Paroxysmal Atrial Flutter.</i> Assessment and Outcome in Cardiovascular Diseases Poster Session of the National Meeting of the American College of Cardiology. Atlanta, Georgia.
March 2002	<i>Syncope in Acute Aortic Dissection: Diagnostic, Prognostic, and Clinical Implications.</i> Aortic and Peripheral Arterial Disease Poster Session of the National Meeting of the American College of Cardiology. Atlanta, Georgia.
Nov 2000	<i>The Role Of Hospital Volume In Coronary Artery Bypass Grafting: Is More Always Better?</i> Ancel Keys Lecture / Elizabeth Barret-Connor Award Session of the American Heart Association (AHA) Scientific Session. New Orleans, LA.
May 2000	<i>Electron-Beam Computed Tomography in the Diagnosis of Coronary Artery Disease: a Meta-Analysis.</i> Cardiovascular Diseases Poster Session of the National Meeting of the Society of General Internal Medicine (SGIM). Boston, Massachusetts.
May 2000	<i>The Potential Clinical and Economic Effects of Homocysteine Reduction: A Decision Analysis.</i> Medical Decision-Making Session of the National Meeting of the Society of General Internal Medicine (SGIM). Boston, Massachusetts.

Regional

Oct 2002	<i>Troponin-I elevation after percutaneous coronary intervention.</i> Poster Session of the Michigan Chapter of the American College of Cardiology (ACC). Traverse City, Michigan
Sept 1999	<i>The Potential Clinical and Economic Effects of Homocysteine Reduction: A Decision Analysis.</i> Plenary Session of the Midwest Regional Meeting of the Society of General Internal Medicine (SGIM). Chicago, Illinois.

University of Michigan

2002-2004	<i>Combined Cardiology and Cardiothoracic Surgery Case Conference</i> Presenter at bi-weekly multidisciplinary conference (University of Michigan Hospital)
Jan 2004	<i>Iodinated Contrast and Complications Associated with Its Use.</i> Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan
May 2003	<i>Infarctlets, CK bumps, Enzyme Leaks and Troponisms: Euphemisms for the Modern-Day Interventionalist?</i> Cardiovascular Research Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan.
May 2003	<i>Troponin-I Elevation after Percutaneous Coronary Intervention.</i> Fellows' Forum for 2003 University of Michigan Franklin Johnston Visiting Professor, Dr. Eric Olson

March 2003 *Cardiovascular Pharmacology*. Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan

Feb 2003 *Saphenous Vein Graft Disease*. Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan

Jan 2002 *Contrast-Associated Nephropathy*. Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan

2001 *Combined Cardiology and Cardiothoracic Surgery Case Conference* Presenter at weekly multidisciplinary conference (VA Medical Ctr)

March 2001 *Atrial Septal Defects: Options for Percutaneous Closure*. Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan

May 1998 *Homocysteine Reduction in Cardiovascular Disease*. Grand Rounds, Department of Internal Medicine, University of Michigan Hospitals. Ann Arbor, Michigan

### Committee and Community Service

None

### Patents

None

### Bibliography

#### Peer-Reviewed Publications

1. **Nallamothu BK**, Fendrick AM, Rubenfire M, Saint S, Bandekar RR, Omenn GS. The potential clinical and economic effects of homocysteine reduction: a decision analysis. *Arch Intern Med*. 2000;160:3406-3412.
2. **Nallamothu BK**, Saint S, Bielak LF, Rubenfire M, Peyser PA, Sonnad SS, Fendrick AM. Electron-beam computed tomography in the diagnosis of coronary artery disease: a meta-analysis. *Arch Intern Med*. 2001;161:833-838.
3. **Nallamothu BK**, Saint S, Saha S, Fendrick AM, Kelley K, Ramsey SR. Coronary artery bypass grafting in Native Americans: an increased risk of death? *J Gen Intern Med*. 2001;16:554-558.
4. **Nallamothu BK**, Saint S, Kolas TJ, Eagle KA. Of nicks and time. *N Engl J Med*. 2001;345:359-363.
5. **Nallamothu BK**, Saint S, Ramsey SD, Hofer TP, Vijan S, Eagle KA. The Role Of Hospital Volume In Coronary Artery Bypass Grafting: Is More *Always* Better? *J Am Coll Cardiol*. 2001;38:1923-1930.
6. Ahn A, **Nallamothu BK**, Saint S. We're jinxed: are residents' fears of being jinxed during an on-call day founded? *Am J Med*. 2002;112:504.
7. Bent S, **Nallamothu BK**, Simel D, Fihn S, Saint S. The Rationale Clinical Examination Series: Does this woman have an acute, uncomplicated urinary tract infection? *JAMA*. 2002;287:2701-2710.
8. **Nallamothu BK**, Fendrick AM, Omenn GS. Homocyst(e)ine and coronary heart disease: pharmacoeconomic support for interventions to lower hyperhomocyst(e)inemia. *Pharmacoeconomics*. 2002;20:429-442.
9. Cram P, **Nallamothu BK**, Fendrick AM, Saint S. Where's the beef: fast food at America's best hospitals. Research Letter. *JAMA*. 2002;287:2945-2946.
10. **Nallamothu BK**, Saint S, Eagle KA, Langa KE, Fendrick AM, Hogikyan R, Kelley K, Ramsey SD. Coronary artery bypass grafting in octogenarians: clinical and economic outcomes at community-based facilities. *Am J Managed Care*. 2002;8:749-755.
11. **Nallamothu BK**, Eagle KA. When zebras run with horses: the diagnostic dilemma of acute aortic dissection complicated by myocardial infarction. *J Interv Cardiol*. 2002;15:297-299.
12. **Nallamothu BK**, Mehta RH, Saint S, Bossone E, Sectem U, Eagle KA, Evangelista A. Syncope in acute aortic dissection: diagnostic, prognostic, and clinical implications. *Am J Med*. 2002;113:468-471.

13. **Nallamothu BK**, Chetcuti S, Mukherjee D, Grossman PM, Kline-Rogers E, Werns SW, Bates ER, Moscucci M. The impact of troponin-I elevation on long-term survival after percutaneous coronary intervention. *Am J Cardiol*. 2003;91:1272-1274.
14. Dezfulian C, Lavelle J, **Nallamothu BK**, Kaufman SR, Saint S. Rates of infection in single versus multi-lumen central venous catheters: A meta-analysis. *Crit Care Med* 2003;31:2385-2390.
15. **Nallamothu BK**, Bates ER. Percutaneous coronary intervention versus fibrinolytic therapy in acute myocardial infarction: is timing (almost) everything? *Am J Cardiol* 2003;92:824-826.
16. **Nallamothu BK**, Chetcuti S, Mukherjee D, Eagle KA, Grossman PM, Giri K, McKechnie RS, Kline-Rogers E, Moscucci M. Long-term prognostic implication of extracardiac vascular disease in patients undergoing percutaneous coronary intervention. *Am J Cardiol* 2003;92:964-966.
17. **Nallamothu BK**, Bates ER. Peri-procedural myocardial infarction and mortality: causality versus association. *J Am Coll Cardiol*. 2003;42:1412-1414.
18. Mukherjee D, Eagle KA, Smith DE, Kline-Rogers EM, Chetcuti S, Grossman PM, **Nallamothu B**, O'Donnell M, DeFranco A, Maxwell-Eward A, McGinnity J., Meengs WM, Patel K, and Moscucci M. Impact of Extra-Cardiac Vascular Disease on Acute Prognosis in Patients Undergoing Percutaneous Coronary Interventions: Data From the Blue Cross & Blue Shield of Michigan Consortium [BMC2]. *Am J Cardiol* 2003;92:972-974.
19. Saint S, Higgins LA, **Nallamothu BK**, Chenoweth C. Do physicians examine their patients under contact precautions less frequently? *Am J Infect Control* 2003;31(6):354-356.
20. **Nallamothu BK**, Shojania K, Saint S, Hofer TP, Humes HD, Moscucci M, Bates ER. Is acetylcysteine effective in preventing contrast-related nephropathy? A meta-analysis. *Am J Med* (2004 In press).
21. **Nallamothu BK**, Bates ER. Primary percutaneous coronary intervention versus fibrinolytic therapy in acute myocardial infarction: Does the choice of fibrinolytic agent impact on the importance of time-to-treatment ? *Am J Cardiol* (2004 In press).
22. **Nallamothu BK**, Saint S, Hofer TP, Vijan S, Eagle KA, Bernstein SJ. Impact of patient risk on the hospital volume-outcome relationship in coronary artery bypass grafting. *Arch Intern Med* (2004 In press)

#### *Non-Peer-Reviewed Publications*

1. Green C, **Nallamothu BK**, Shea MJ. Case-of-the-Month. *Am J Med*. 2001;110:146.
2. **Nallamothu BK**, Patel D, Eitzman DT. Clinical Images. *Curr J Rev Am Coll Cardiol*. 2003;12:85-86.

#### *Letters to the Editor*

1. **Nallamothu BK**, Saint S, Rubenfire M, Fendrick AM. Electron beam computed tomography in the diagnosis of obstructive coronary artery disease. *J Am Coll Cardiol*. 2001;37:689-690.
2. **Nallamothu BK**, Saint S, Rubenfire M, Fendrick AM. Electron beam computed tomography and coronary artery disease. *Arch Intern Med*. 2001;161:2625.
3. **Nallamothu BK**, Kolias TJ, Eagle KA. Pulsus paradoxus in pericardial tamponade and acute aortic dissection. *N Engl J Med*. 2001;345:1576.
4. **Nallamothu BK**, Saint S, Eagle KA. Volume and outcome. *N Engl J Med*. 2002;347:693-694.
5. Bent S, **Nallamothu BK**, Fihn SD, Saint S. Clinical diagnosis of urinary tract infection. *JAMA*. 2002;288:1229-1231.
6. **Nallamothu BK**, Saint S, Eagle KA. CABG, volume and risk. *Circulation*. 2003 (In press).

#### *Peer-Reviewed Articles Submitted for Publication*

1. **Nallamothu BK**, Bates ER, Hochman J, Granger C, Guetta V, Wilcox R, White H, Armstrong PW, Savonitto S, Jia G, Lincoff AM, Topol EJ. Prognostic implication of activated partial thromboplastin time (aPTT) on clinical outcomes after reteplase or half-dose reteplase plus abciximab: results of the GUSTO-V trial. (2004)

2. **Nallamothu BK**, Bates ER, Herrin J, Wang Y, Bradley EH, Krumholz HM. Times-to-treatment for primary percutaneous coronary intervention in transfer patients in the United States – A National Registry of Myocardial Infarction (NORMI)-3/4 Analysis. (2004)
3. **Nallamothu BK**, Eagle KA. When more is better: the argument for regionalizing coronary artery bypass grafting in the United States. (2004)
4. **Nallamothu BK**, Rogers MA, Saint S, McMahon L, Fries B, Langa KM. Skilled care requirements for elderly patients following coronary artery bypass grafting. (2004)

*Manuscripts in Progress*

1. Abciximab, eptifibatide, or tirofiban as adjunctive therapy during percutaneous coronary intervention? A network meta-analysis

*Book Chapters:*

1. **Nallamothu BK** (Contributor). “Cardiovascular Disease.” In Tierney LM, Saint S, Whooley MA (Editors). Essentials of Diagnosis & Treatment, 2nd Edition. New York: McGraw-Hill, 2002.
2. **Nallamothu BK** (Contributor). “Cardiovascular Diseases.” In Saint S, Francis C (Editors). Saint-Francis Guide to Internal Medicine. (In Press).

*Published Abstracts*

2. **Nallamothu BK**, Saint S, Bielak LF, Rubenfire M, Peyser PA, Sonnad SS, Fendrick AM. Electron-beam computed tomography in the diagnosis of coronary artery disease: a meta-analysis. *J Gen Intern Med*. 2000;15:86.
3. **Nallamothu BK**, Fendrick AM, Rubenfire M, Saint S, Bandekar R, Omenn G. The potential clinical and economic effects of homocysteine reduction: a decision analysis. *J Gen Intern Med*. 2000;15:87.
4. **Nallamothu BK**, Saint S, Ramsey SD, Hofer TP, Vijan S, Eagle KA. The role of hospital volume in coronary artery bypass grafting: is more *always* better? *Circulation*. 2000;18:II-846.
5. Shehab TM, Inadomi JM, **Nallamothu BK**, Fendrick AM. Clinical and economic impact of population-based screening for Hepatitis C: a decision analysis. *Gastroenterology*. 2000;118:II-1179A.
6. **Nallamothu BK**, Mehta RH, Saint S, Eagle KA, for the IRAD Investigators. Syncope in aortic dissection: diagnostic, prognostic, and clinical implications. *J Am Coll Cardiol*. 2002;39:241A.
7. **Nallamothu BK**, Pelosi F, Knight BP, Strickberger SA, Morady F, Oral H. Cost comparison of radiofrequency ablation and antiarrhythmic therapy of atrial flutter. *J Am Coll Cardiol*. 2002;39:448A.
8. **Nallamothu BK**, Chetcuti S, Mukherjee D, Grossman PM, Kline-Rogers E, Werns SW, Bates ER, Moscucci M. The impact of troponin-I elevation on long-term survival after percutaneous coronary intervention. *Eur Heart J*. 2002;23:155.